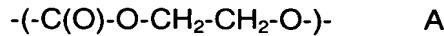


Amendments to the Claims:

Listing of Claims:

Claim 1 (currently amended): A device comprising a biodegradable polymer, said biodegradable polymer comprising which comprises ethylene carbonate units of the formula A



having an ethylene carbonate content of 70 to 100 Mol%, having an intrinsic viscosity of 0.4 to 4.0 dl/g measured in chloroform at 20°C at a concentration of 1 g/dl, having [[and]] a glass transition temperature of from 5 to 50°C, and being degradable by surface erosion which is governed by a non-hydrolytic mechanism.

Claim 2 (currently amended): The device of claim 1 wherein said device has a surface coated with said biodegradable polymer ~~its surface is coated with the polymer~~.

Claim 3 (currently amended): The device of claim 1 [[or 2]] further comprising a pharmacologically active agent.

Claim 4 (currently amended): The device of claim 3 wherein the pharmacologically active agent is dissolved or dispersed in [[the]] said biodegradable polymer.

Claim 5 (currently amended): The device of claim 3 ~~or 4 containing, wherein said pharmacologically active agent is chosen from an immunosuppressant or antiproliferative agent as pharmacologically active agent.~~

Claim 6 (currently amended): The device of claim 1, wherein said device is chosen from any preceding claim in form of a stent or catheter.

Claim 7 (currently amended): The device of claim 6, wherein said device is in form of a drug-eluting stent.

Claims 8 through 13 (cancelled)

Claim 14 (new): The device of claim 4, wherein said biodegradable polymer provides for the controlled release of said pharmacologically active agent.

Claim 15 (new): A method of preventing or treating complications associated with revascularization comprising the step of implanting a device of claim 1 in a patient in need thereof.

Claim 16 (new): The method of Claim 15, wherein said complications is chosen from neointimal proliferation and thickening; restenosis; or vascular occlusion following vascular injury.

Claim 17 (new): A method of preventing or treating complications associated with revascularization comprising the step of implanting a device into a site where such revascularization is required.

Claim 18 (new): A method of making a device comprising the step of coating said device with an ethylene carbonate polymer of formula A in claim 1.